

# Converting Colors

YUV(183.2000, -23.2696,  
43.6746)

Have a look what the booklet for  
YUV(183.2000, -23.2696, 43.6746)  
contains.

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# Color

**YUV(183.2000, -23.2696,  
43.6746)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E9A788
RGB	233, 167, 136
RGB Percent	91%, 65%, 53%
CMY	0.0863, 0.3451, 0.4667
CMYK	0.00, 0.28, 0.42, 0.09
HSL	19°, 69%, 72%
HSV	19°, 42%, 91%
XYZ	51.8669, 46.7386, 29.5803
YIQ	183.2000, 49.2870, 4.3510

# Conversions

## Conversions Part 2

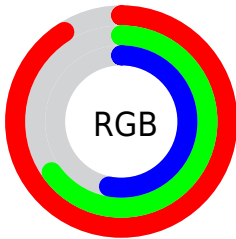
Format	Color
R <sub>Y</sub> B	233, 182, 136
Decimal	15312776
CIE Lab	74.02, 20.56, 25.68
CIE LCh	74, 32.897, 51.313
Yxy	46.7386, 0.4046, 0.3646
Android (android.graphics.Color)	4293502856 (0xFFE9A788)
YUV	183.2000, -23.2696, 43.6746
Hunter-Lab	68.3657, 15.7825, 22.2025

# Details

The YUV color  $183.2000, -23.2696, 43.6746$  is a light color, and the websafe version is hex  $CC9966$ . A complement of this color would be  $185.8000, 23.2696, -43.6746$ , and the grayscale version is  $183.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $228.2190, -18.8420, 23.4869$ , and  $129.6340, -21.5116, 39.7860$  is the 20% darker color. If you saturate the color by 10%, you get  $171.1860, -28.6857, 54.2109$ , and if you desaturate by 10%, it is  $195.2140, -17.8535, 33.1383$ .

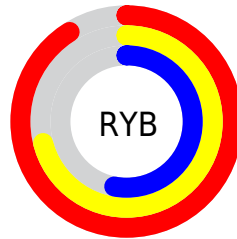
# Distribution



Red (91%)

Green (65%)

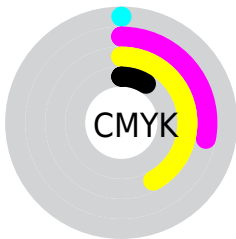
Blue (53%)



Red (91%)

Yellow (71%)

Blue (53%)

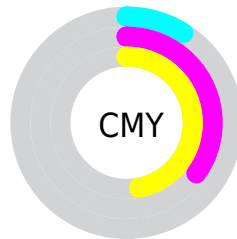


Cyan (0%)

Magenta (28%)

Yellow (42%)

Black (9%)



Cyan (9%)

Magenta (35%)

Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 183.2000, -23.2696, 43.6746 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 183.2000, -23.2696, 43.6746 by changing the saturation by 10% instead.



183.2000,  
-23.2696, 43.6746

183.2000,  
-23.2696, 43.6746

255.0000, 0.0000,  
0.0000

155.7160,  
-22.5380, 42.3451

228.2190,  
-18.8420, 23.4869

129.6340,  
-21.5116, 39.7860

248.3200,  
-15.4408, 5.8584

103.8510,  
-20.6325, 37.8417

253.9740, -3.9312,  
0.8998

79.1820, -19.3167,  
35.7974

55.2140, -17.8535,  
33.1383

32.3600, -15.9535,  
30.3793

12.5580, -6.1911,

25.8206

0.0000, 0.0000,  
0.0000

183.2000,  
-23.2696, 43.6746

183.2000,  
-23.2696, 43.6746

171.1860,  
-28.6857, 54.2109

195.2140,  
-17.8535, 33.1383

159.0580,  
-34.5386, 64.8471

207.3420,  
-12.0006, 22.5021

147.0440,  
-39.9547, 75.3834

219.3560, -6.5845,  
11.9658

135.6170,  
-45.6602, 85.4049

230.7830, -0.8790,  
1.9443

123.4890,  
-51.5131, 96.0411

242.9110, 4.9739,  
-8.6919

■ 113.1050,  
-55.7608, 105.1479

■ 248.4220, 3.2430,  
-13.5251

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



184.6320, -11.6506, 50.3117



183.2000, -23.2696, 43.6746



180.8960, -29.0357, 26.4012

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



183.2000, -23.2696, 43.6746



169.0230, 1.4677, -50.8862



183.0570, 27.0869, -7.9430

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



183.2000, -23.2696, 43.6746



185.8000, 23.2696, -43.6746

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



176.1020, 31.9947, -42.1855



183.2000, -23.2696, 43.6746



164.4840, 18.9884, -70.5845

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



183.2000, -23.2696, 43.6746



173.8340, -15.2012, -24.4104



167.3670, 29.8921, -67.8509



186.4970, 16.5170, 22.3661



# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



183.2000, -23.2696, 43.6746



179.3240, -28.2607, 11.1169



167.3670, 29.8921, -67.8509



181.2620, 29.4508, -19.5238

# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



183.2000, -23.2696, 43.6746



239.1390, -7.4635, 13.9101



172.5270, 14.5302, 53.0348



118.3170, -4.1003, 8.4920



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



183.2000, -23.2696, 43.6746



189.4530, -30.2963, 57.4847



211.3760, -37.1604, 18.9642



111.0500, -2.4896, 5.2182



88.1650, -43.4653, 81.4163



26.1250, -12.8796, 24.4464

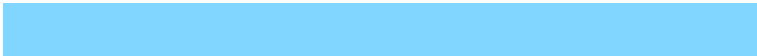


# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



185.8000, 23.2696, -43.6746



192.9600, 30.5857, -56.9699



157.6240, 37.1604, -18.9642



111.9500, 2.4897, -5.2181



92.8350, 43.4653, -81.4163



27.2880, 13.1690, -23.9316



# Previews

## White Background



This preview shows how the YUV color 183.2000, -23.2696, 43.6746 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

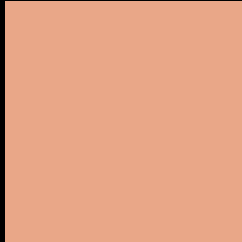
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 183.2000, -23.2696, 43.6746 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

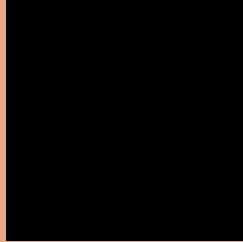
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 183.2000, -23.2696, 43.6746

## Background



This preview shows how black text looks on a background with the YUV color 183.2000, -23.2696, 43.6746.



This preview shows how white text looks on a background with the YUV color 183.2000, -23.2696, 43.6746.



# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



### Original Color

183.2000, -23.2696, 43.6746

### Protanopia

181.1420, -18.8040, 11.2765

### Deuteranopia

182.4000, -23.3682, 28.5902



## Tritanopia

185.7930, -5.8139, 44.9085

# Trichromacy



**Original Color**

183.2000, -23.2696, 43.6746

**Protanomaly**

182.0510, -20.7311, 22.7573

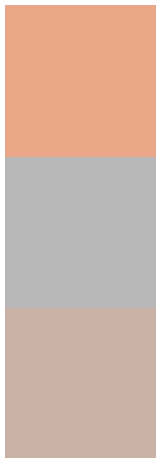
**Deuteranomaly**

182.7320, -23.5319, 34.4380

**Tritanomaly**

185.0720, -12.3605, 44.6639

# Monochromacy



**Original Color**

183.2000, -23.2696, 43.6746

**Achromatopsia**

183.0000, 0.0000, 0.0000

**Achromatomaly**

182.9220, -8.3425, 15.8544

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 183.2000, -23.2696, 43.6746 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(233, 167, 136)` looks like.

```
.text, #text, p{  
    color:rgb(233, 167, 136)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(233, 167, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 167, 136) }
```

## Border

The CSS property to change the border of an element to YUV 183.2000, -23.2696, 43.6746 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(233, 167, 136) }
```



If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(233, 167, 136) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(233, 167, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 167, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 167, 136);  
box-shadow:4px 4px 4px 4px rgb(233, 167,  
136) }
```

# Background

The CSS property to change the background color of an element to YUV 183.2000, -23.2696, 43.6746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 167, 136) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(233,  
167, 136) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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